

Converting Colors

$Yxy(77.5281, 0.3223, 0.3354)$

Have a look what the booklet for
Yxy(77.5281, 0.3223, 0.3354)
contains.

Yxy(77.8208, 0.3222, 0.3353)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(77.8208, 0.3222, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	EBE3DD
RGB	235, 227, 221
RGB Percent	92%, 89%, 87%
CMY	0.0785, 0.1098, 0.1333
CMYK	0.00, 0.03, 0.06, 0.08
HSL	26°, 26%, 89%
HSV	26°, 6%, 92%
XYZ	74.7804, 77.8208, 79.4919
YIQ	228.7080, 6.6940, -0.1700

Conversions

Conversions Part 2

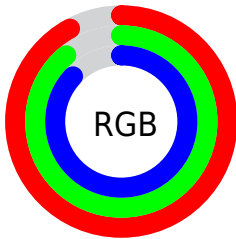
Format	Color
RYB	235, 232, 221
Decimal	15459293
CIELab	90.70, 1.68, 3.87
CIELCh	91, 4.223, 66.545
Yxy	77.8208, 0.3222, 0.3353
Android (android.graphics.Color)	4293649373 (0xFFEBE3DD)
YUV	228.7080, -3.8000, 5.5181
Hunter-Lab	88.2161, -3.0645, 8.3248

Details

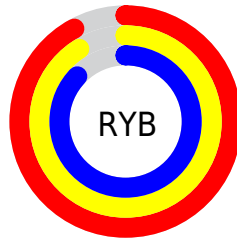
The Yxy color **77.8208, 0.3222, 0.3353** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.4086, 0.3036, 0.3226**, and the grayscale version is **78.1555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.8419, 0.3241, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **69.5993, 0.3402, 0.3464**, and if you desaturate by 10%, it is **86.7968, 0.3067, 0.3249**.

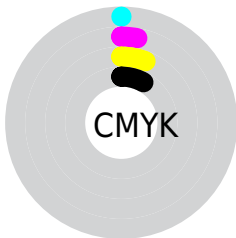
Distribution



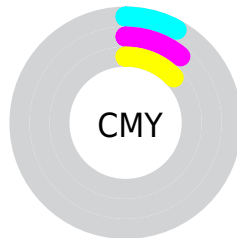
- Red (92%)
- Green (89%)
- Blue (87%)



- Red (92%)
- Yellow (91%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.8208, 0.3222, 0.3353 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 77.8208, 0.3222, 0.3353 by changing the saturation by 10% instead.

■ 77.8208, 0.3222,
0.3353

■ 77.8208, 0.3222,
0.3353

487.5580, 0.3179,
0.3324

■ 57.9268, 0.3232,
0.3359

130.2975, 0.3207,
0.3343

■ 41.7498, 0.3244,
0.3367

163.6489, 0.3201,
0.3339

■ 28.9054, 0.3259,
0.3377

202.2550, 0.3196,
0.3336

■ 19.0093, 0.3279,
0.3390

246.5000, 0.3192,
0.3333

■ 11.6770, 0.3306,
0.3408

296.7684, 0.3188,
0.3331

■ 6.5241, 0.3345,
0.3432

353.4447, 0.3184,

■ 3.1663, 0.3404,

0.3328

0.3470

416.9131, 0.3181,
0.3326

1.2192, 0.3509,
0.3535

0.0773, 0.5970,
0.4030

77.8208, 0.3222,
0.3353

77.8208, 0.3222,
0.3353

69.5993, 0.3402,
0.3464

86.7968, 0.3067,
0.3249

62.1018, 0.3609,
0.3581

95.6701, 0.3005,
0.3278

55.3107, 0.3846,
0.3699

96.4012, 0.3005,
0.3290

49.2036, 0.4113,
0.3812

■ 43.7569, 0.4406,
0.3912

■ 38.9453, 0.4715,
0.3987

■ 34.7416, 0.5024,
0.4023

■ 31.1157, 0.5310,
0.4010

■ 28.0335, 0.5552,
0.3942

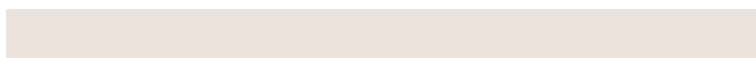
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.8208, 0.3221, 0.3315



77.8208, 0.3222, 0.3353



77.8208, 0.3197, 0.3374

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.8208, 0.3222, 0.3353



77.8208, 0.3060, 0.3309



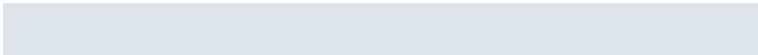
77.8208, 0.3100, 0.3209

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



77.8208, 0.3222, 0.3353



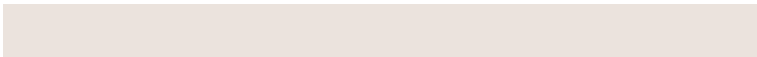
77.4086, 0.3036, 0.3226

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8208, 0.3057, 0.3207



77.8208, 0.3222, 0.3353



77.8208, 0.3034, 0.3264

Square

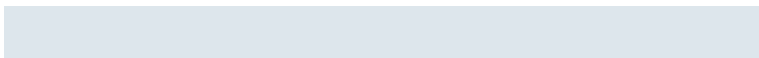
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.8208, 0.3222, 0.3353



77.8208, 0.3103, 0.3349



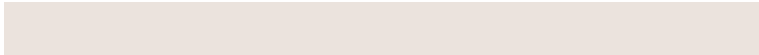
77.8208, 0.3033, 0.3227



77.8208, 0.3151, 0.3232

Rectangle

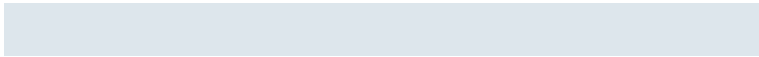
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.8208, 0.3222, 0.3353



77.8208, 0.3170, 0.3376



77.8208, 0.3033, 0.3227



77.8208, 0.3085, 0.3206

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77.8242, 0.3222, 0.3353



97.8314, 0.3158, 0.3311



75.0458, 0.3172, 0.3205



20.9628, 0.3157, 0.3310



0.0000, 0.0000, 0.0000



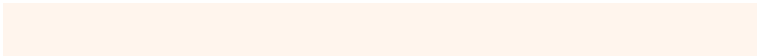
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.8242, 0.3222, 0.3353



92.5700, 0.3240, 0.3365



81.6305, 0.3216, 0.3423



16.4588, 0.3249, 0.3371



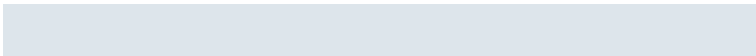
15.2278, 0.5612, 0.3926



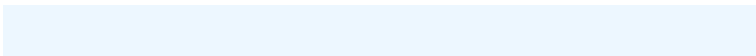
1.3833, 0.5369, 0.4119

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77.4086, 0.3036, 0.3226



91.9832, 0.3019, 0.3214



73.7072, 0.3036, 0.3153



16.3462, 0.3010, 0.3208



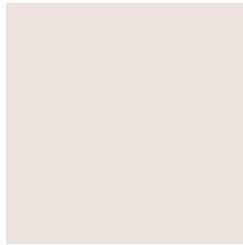
13.1201, 0.1840, 0.1824



1.2206, 0.1902, 0.2046

Previews

White Background



This preview shows how the Yxy color 77.8208, 0.3222, 0.3353 looks on a white background.

Color Contrast Check

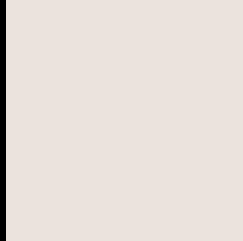
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 77.8208, 0.3222, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

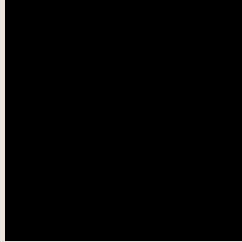
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

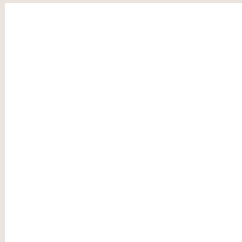
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.8208, 0.3222, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 77.8208, 0.3222, 0.3353.

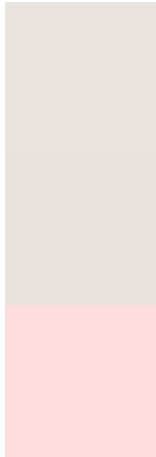


This preview shows how white text looks on a background with the Yxy color 77.8208, 0.3222, 0.3353.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

77.8208, 0.3222, 0.3353

Protanopia

77.6511, 0.3215, 0.3353

Deuteranopia

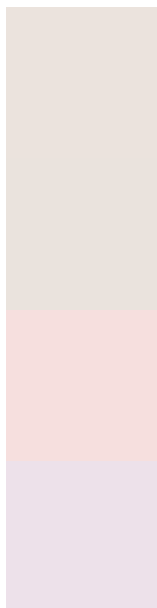
77.8695, 0.3351, 0.3281



Tritanopia

77.8993, 0.3108, 0.3106

Trichromacy



Original Color

77.8208, 0.3222, 0.3353

Protanomaly

77.6511, 0.3215, 0.3353

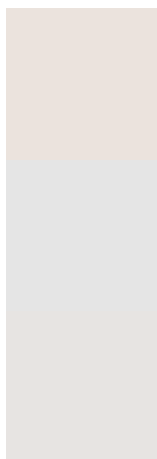
Deuteranomaly

77.6421, 0.3298, 0.3301

Tritanomaly

77.7955, 0.3152, 0.3197

Monochromacy



Original Color

77.8208, 0.3222, 0.3353

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.9667, 0.3161, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.8208, 0.3222, 0.3353 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(235, 227, 221)` looks like.

```
.text, #text, p{  
    color:rgb(235, 227, 221)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(235, 227, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 227, 221) }
```

Border

The CSS property to change the border of an element to Yxy 77.8208, 0.3222, 0.3353 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 227, 221) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(235, 227, 221) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(235, 227, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 227, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 227, 221);  
box-shadow:4px 4px 4px 4px rgb(235, 227,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 77.8208, 0.3222, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 227, 221) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(235,  
227, 221) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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